

ABSTRACT OF THE DISCLOSURE

A gateway device with private branch exchanging function capable of carrying out transmission of image data using a desired network without carrying out any complicated operations by a user. When receiving an input of a facsimile number and the image data from the user, the facsimile machine FAX1a connected to the private branch network K transmits the facsimile number and the image data to the gateway device GTW1 functioning as a PBX. When receiving the facsimile number and the image data from the facsimile machine FAX1a, the gateway device GTW1 confirms the number attached to the front of the facsimile number, and when the number is "0", transmits the image data to the facsimile machine FAX2 via the public switched telephone network PSTN. When the number is "*", the gateway device GTW1 transmits the image data to the gateway device GTW2 via the Internet NTW.